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**From:** Peronard, Paul  
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**Subject:** Hazmat ID

Hey Gina,

So we brought this thing up to Red River Supply Fire and didn't get much utility out of it. Too many interferences I think. Kerry Guy had a similar experience assisting the Arapahoe County Sherriff at a "compound" of a militia kinda guy (lots of guns, explosives and whatnot) . I imagine if you had a single compound in a fairly neat sample the thing might work well (looking over Smith's Website you'd think 32,000 compounds is impressive), but I got the impression that mixtures (such as in an oily water matrix) give it fits.

Then again that might have been operator error and I would defer to Steve and Craig's higher level of familiarity with the equipment. If this thing can truly identify up to 32,000 compounds and do it with mixtures in a variety of sample matrices then we ought to do a bunch more training with it.

paul